



Contribution ID: 72

Type: **Oral presentation**

Higgs boson couplings and properties with CMS

Wednesday 30 April 2014 14:40 (20 minutes)

Many different production and decay modes of the 126 GeV mass Higgs boson have been studied by the CMS collaboration at the LHC collider. The analysis is based on pp collision data collected at centre-of-mass energies of 7 and 8 TeV corresponding to integrated luminosities of 5/fb and 20/fb respectively. The measurement of the Higgs boson couplings and of the study of its properties are presented.

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Session Classification: WG3: Electroweak Physics and Beyond the Standard Model

Track Classification: WG3: Electroweak Physics and Beyond the Standard Model